



ORTHO

ISOTOX[®] Treater (2)

(INSECTICIDE)

ALSO REPELLENT TO PHEASANTS

Active Ingredient

Lindane—

Gamma Isomer of Benzene Hexachloride

Inert Ingredients

WARNING: KEEP OUT OF REACH



DO NOT TAKE INTER

DO NOT INHALE

DO NOT GET ON S

WARNING:

May Be Fatal If Swallowed!
May Be Absorbed Through Skin! Avoid con
thoroughly after handling. *Work in a well-venti*
Note to Physicians: Emergency Information - cal
Do not store or transport near feed or food.
Animals. Treated seed should be labeled as f
NOT USE FOR FOOD, FEED OR OIL. If soil temp
low moisture, real hot weather and mid-summer
one-half. Avoid lengthy storage of treated se
Where seed is treated in a slurry treater do not
treatment until the seed has had a chance to dry d
treatment. There may be some crinkling of the
due to moisture entering seed coat cracks. This is
viability or germination viewpoint. Where seed dec
damage, combine with a protective fungicide.

This product is toxic to fish and wildlife. Birds fee
died. Do not dispose of waste or treated seed s
water. Keep out of any body of water. Do not c
of equipment, or disposal of wastes. Apply this
this label.

NET WEIGHT 20 POUNDS

(Cwt. = 100 lbs.)		SLURRY METHOD		DRY METHOD	
SEED	Amt. Seed Treater/ Gal. Slurry	Slurry Cup Size in Cubic Centimeters	Lbs. Seed Treated/ Gal. Slurry	Amt. Seed Treater/Measure Seed	
CORN	2 lb. 11 oz.	23	1650	2 3/4 oz./cwt.	
BEANS—(Use with a protective fungicide) Baby bush limas, Bush, snap and all others.	11 oz.	23	1650	3/4 oz./cwt.	
Standard and Fordhook large limas	6 oz.	23	1650	1/2 oz./cwt.	
SUGAR BEETS	2 lb. 7 oz.	46	720	5 1/2 oz./cwt.	
TOMATOES	1 lb. 3 oz.	46	720	2 3/4 oz./cwt.	
PEAS	1 lb. 6 oz.	23	1630	1 1/2 oz./cwt.	
CUCUMBERS, CANTALOUPE	1 lb. 5 oz.	23	1550	1 1/2 oz./cwt.	
CARROTS	8 oz.	46	620	1 1/2 oz./cwt.	
COTTON					
Acid Delinted or Reginned	1 lb. 6 oz.	46	820	2 3/4 oz./cwt.	
Fuzzy—not delinted	1 lb. 9 oz.	46	820	3 oz./cwt.	
MILO, SORGHUM	13 oz.	46	780	1 3/4 oz./cwt.	
ALFALFA, CLOVER	6 oz.	46	740	3/4 oz./cwt.	
BARLEY	1 lb. 6 oz.	23	1650	1 1/2 oz./cwt.	
SPINACH	10 oz.	46	720	1 1/2 oz./cwt.	
OATS	9 oz.	23	1400	3/4 oz./cwt.	
SAFFLOWER	11 oz.	23	1560	3/4 oz./cwt.	
RYE	11 oz.	23	1560	3/4 oz./cwt.	
SUDAN GRASS	5 oz.	46	660	3/4 oz./cwt.	
SOYBEAN	11 oz.	23	1700	3/4 oz./cwt.	
WHEAT	11 oz.	23	1730	3/4 oz./cwt.	
WATERMELON	1 lb. 5 oz.	23	1500	1 1/2 oz./cwt.	
LETTUCE	9 oz.	46	630	1 1/2 oz./cwt.	
OKRA	1 lb. 6 oz.	23	1650	1 1/2 oz./cwt.	
SUNFLOWER	1 lb. 5 oz.	23	1550	1 1/2 oz./cwt.	

Chevron Chemical Company

Ortho Division/San Francisco CA 94119

Richmond CA 94804

Product 1972 Made in U.S.A.

R Form 9251-C

EPA Reg. No. 239-353-ZB



ORTHO

ISOTOX[®] Seed Treater (75)

DRY METHOD

Lbs. Seed Treated/ Gal. Slurry	Amt. Seed Treater/Measure Seed
1650	2 1/2 oz./cwt.

1650	3/4 oz./cwt.
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1650	1 1/2 oz./cwt.
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720	5 1/2 oz./cwt.
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720	2 1/2 oz./cwt.
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1630	1 1/2 oz./cwt.
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1550	1 1/2 oz./cwt.
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620	1 1/2 oz./cwt.
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820	2 1/2 oz./cwt.
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820	3 oz./cwt.
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780	1 1/2 oz./cwt.
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740	3/4 oz./cwt.
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1650	1 1/2 oz./cwt.
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720	1 1/2 oz./cwt.
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1400	3/4 oz./cwt.
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1560	3/4 oz./cwt.
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1560	3/4 oz./cwt.
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660	3/4 oz./cwt.
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1700	3/4 oz./cwt.
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1730	3/4 oz./cwt.
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1500	1 1/2 oz./cwt.
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630	1 1/2 oz./cwt.
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1650	1 1/2 oz./cwt.
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1550	1 1/2 oz./cwt.
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(INSECTICIDE)

ALSO REPELLENT TO PHEASANTS

Active Ingredient	By Wt.
Lindane—	
Gamma Isomer of Benzene Hexachloride	75%
Inert Ingredients	25%

WARNING: KEEP OUT OF REACH OF CHILDREN.



DO NOT TAKE INTERNALLY
DO NOT INHALE
DO NOT GET ON SKIN

WARNING:

May Be Fatal If Swallowed! Do not breathe dust or spray. May Be Absorbed Through Skin! Avoid contact with skin and eyes. Wash thoroughly after handling. Work in a well-ventilated room.

Note to Physicians: Emergency Information - call (415) 233-3737.

Do not store or transport near feed or food. Do not feed treated seed to animals. Treated seed should be labeled as follows: "TREATED SEED. DO NOT USE FOR FOOD, FEED OR OIL." If soil temperature is extremely high due to low moisture, real hot weather and mid-summer planting time, reduce dosage one-half. Avoid lengthy storage of treated seed to prevent loss of lindane.

Where seed is treated in a slurry treater do not stack the sacks of seed after treatment until the seed has had a chance to dry due to the moisture content from the treatment. There may be some crinkling of the seed coat of large Lima Beans due to moisture entering seed coat cracks. This is not objectionable from a seed quality or germination viewpoint. Where seed decay occurs, due to soil organism damage, combine with a protective fungicide.

This product is toxic to fish and wildlife. Birds feeding on exposed seed may be killed. Do not dispose of waste or treated seed so as to contaminate any body of water. Keep out of any body of water. Do not contaminate water by cleaning equipment, or disposal of wastes. Apply this product only as specified on this label.

NET WEIGHT 20 POUNDS

ACCEPTED
with COMMENTS
in EPA Letter Dated:

APR 13 1984

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

239-353

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH WARNINGS AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.

WHEN CONTAINER IS EMPTY, IMMEDIATELY WASH THOROUGHLY AND DESTROY. NEVER REUSE.

KEEP PESTICIDE IN ORIGINAL CONTAINER. DO NOT PUT CONCENTRATE OR DILUTE INTO FOOD OR DRINK CONTAINERS.

ISOTOX Seed Treater (75) is a special formulation for use in the treatment of seeds against wireworms and seed corn maggots. Also repellent to pheasants. It is suitable for use in combination with ORTHOCIDE 75 Seed Protectant, ORTHO Wheat Seed Protectant and other generally used fungicides and may be applied either dry or through slurry treaters, generally used for wet application of fungicides on seeds.

GRAIN AND OTHER STORAGE BINS FOR GRAIN AND STORED PRODUCTS INSECTS (exposed stages): Saw-Toothed Grain Beetle, Granary Weevil, Confused Flour Beetle, Corn or Rice Weevil, Bean Weevil, Angoumois Grain Moth, Indian Meal Moth—5½ lbs. in 100 gals. water. Spray empty storage bins prior to filling. Apply 2 gals. diluted spray per 1000 sq. ft. of bin area.

CONDITIONS OF SALE: 1. Chevron Chemical Company (Chevron) warrants that this material conforms to the chemical description on the label and is reasonably fit for use as directed hereon. Chevron neither makes, nor authorizes any agent or representative to make, any other warranty of FITNESS or of MERCHANTABILITY, guarantee or representation, express or implied, concerning this material.
2. Critical and unforeseeable factors beyond Chevron's control prevent it from eliminating all risks in connection with the use of chemicals. Such risks include, but are not limited to, damage to plants and crops to which the material is applied, lack of complete control, and damage caused by drift to other plants or crops. Such risks occur even though the product is reasonably fit for the uses stated hereon and even though label directions are followed. Buyer and user acknowledge and assume all risks and liability (except those assumed by Chevron under 1 above) resulting from handling, storage, and use of this material.

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13 APR 1984

Mr. D. F. Dye
Chevron Chemical Company
Ortho Agricultural Chemicals Division
940 Fensley Street
Richmond, CA 94804-0036

Dear Mr. Dye:

Subject: Amendment - Update per Lindane PD-4
Isotox Seed Treater (75)
EPA Registration No. 239-353
Your Application Dated November 30, 1983

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is acceptable provided that you make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

1. The label should be updated to be in compliance with 40 CFR §162.10, including headings, subheadings and formatting.
2. Update the Storage and Disposal advice per PR Notices 83-3 and 84-1.
3. A Statement of Practical Treatment must be added to the labeling. We suggest the following statement; however, if your toxicological data suggest otherwise, please submit a draft Statement of Practical Treatment for prior approval:

If swallowed - Call a physician or Poison Control Center immediately. Drink one or two glasses of water and induce vomiting by touching the back of throat with a finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person.

If inhaled - Remove victim to fresh air. Apply artificial respiration if indicated.

If on skin - Remove contaminated clothing and wash affected areas with soap and water.

If in eyes - Flush eyes with plenty of water. Call a physician immediately.

CONCURRENCES							
SYMBOL ▶							
SURNAME ▶							
DATE ▶							

239-353

-2-

Submit five (5) copies of your revised final printed labeling before you release the product for shipment with the amended labeling.

A stamped copy of the label is enclosed for your records.

If you hold a Federal registration, a supplemental registration, or a Special Local Needs registration, you may continue to produce new stocks of such products, using current labeling, until April 1, 1984. After that date, all remaining inventories of affected products will fall under the Existing Stocks provisions stated in our letter of October 28, 1983.

Sincerely yours,

George T. LaRocca
Product Manager (15)
Insecticide-Rodenticide Branch
Registration Division (TS-767)

Enclosure

RD-IRB:DCR-28659:LaRocca:KIM:Raven:557-2226:RD-14:4/5/84:Del.4/13/84